

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

This Document contains information affecting the National Defense of the United States, within the meaning of Title 18, Sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law. The reproduction of this form is prohibited.

SECRET/CONTROL - U.S. OFFICIALS ONLY
SECURITY INFORMATION

25X1

COUNTRY	East Germany	REPORT	
SUBJECT	1. Electronic Tube Production & Development 2. Discontinuance of Gnom Tube Manufacture 3. Proposed Direction-Finding Station	DATE DISTR.	17 April 1953
DATE OF INFO.		NO. OF PAGES	2
PLACE ACQUIRED		REQUIREMENT	
		REFERENCES	

25X1

25X1

This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

25X1

1. Electronic tube production and development

- a. The most important electronic tube factories in East Germany are the three controlled by the Ministerium fuer Post und Fernmeldewesen (Ministry for Posts and Telecommunications):

VEB Werk fuer Fernmeldewesen HF, Berlin-Oberschoeneweide
VEB Funkwerk Erfurt
VEB Roehrenwerk Anna Seghers, Neuhaus

and one controlled by the Ministerium fuer Allgemeiner Maschinenbau (Ministry for General Machine Construction):

VEB RFT Roehrenwerk Muehlhausen.

- b. The following factories and institutes also manufacture or carry out research and development on certain types of electronic tubes:

VEB Phoenix-Roentgenroehren, Rudolstadt, Katharinenstrasse 2.

X-Ray tubes and valves (Roehren und Ventile)

Deutsche Glimmlampen-Gesellschaft Pressler, Leipzig C 1,
Berliner Strasse 69.
neon lamps (Glimmlampen), small stabilizers.

VEB RFT Gluehlampenwerk Plauen, Dimitroff Strasse 32.
Iron-hydrogen resistances

VEB Gluehlampenwerk Oberweissbach-Grosskreitenbach VVB RFT.
Iron-hydrogen resistances

25 YEAR RE-REVIEW

SECRET/CONTROL - U.S. OFFICIALS ONLY

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI	X	AEC		ORR Ev	X	OSI Ev	X
-------	---	------	---	------	---	-----	---	-----	---	-----	--	--------	---	--------	---

(Note: Washington Distribution Indicated By "X", Field Distribution By "#")

465

SECRET/CONTROL - U.S. OFFICIALS ONLY

25X1

- 2 -

Otto Kisewetter & Co, Rudolstadt, Mittelweg 35.
X-Ray valves

Elektro-Apparate-Werk (AT), Berlin-Treptow, Hoffmannstrasse, 15/26.
Development of ignitrons on a silicon carbide basis.

Zentral-Laboratorium der Staatlichen Rundfunk Komitee,
Berlin-Adlershof
Development and manufacture of cathode-ray tubes, iconoscopes,
orticons, videocons,¹ multipliers. (Under Dipl. Ing. Hass).

Heinrich-Hertz Institut fuer Schwingungsforschung, Berlin-Adlershof.
Development of magnetrons of 3 mm. and 1 mm. wavelength. (Under
Dipl. Ing. Praxmarer).

Institut fuer Medizin und Biologie, Berlin-Buch.
Development of ultraviolet radiators and possibly other tubes.
(Under Dr. Eckart)

Institut fuer Strahlungsquellen, Berlin O 17, Warschauer Platz 9-10.
(Under Professor Robert Rompe).

2. Gnom Tubes

It has been decided that the VEB Funkwerk Erfurt shall cease manufacturing Gnom tubes as soon as an equivalent series of miniature tubes has been developed and can be manufactured in quantity. The Gnom tubes have an 11-pin base of 17 mm pin diameter, and are not interchangeable with any foreign tubes.

3. Wullenwever DF Station

Dr. Erich Schuettlcoeffel of the VEB Funkwerk Koepenick is to erect on the Gosener Wiesen, Berlin-Mueggelheim ² a Wullenwever direction-finding station. 25X1

25X1

2. Comment: A branch plant of the OSW HF Plant was 25X1
to be established at Mueggelsee, to work on electronic beam
and technical radar apparatus.

25X1

SECRET/CONTROL - U.S. OFFICIALS ONLY